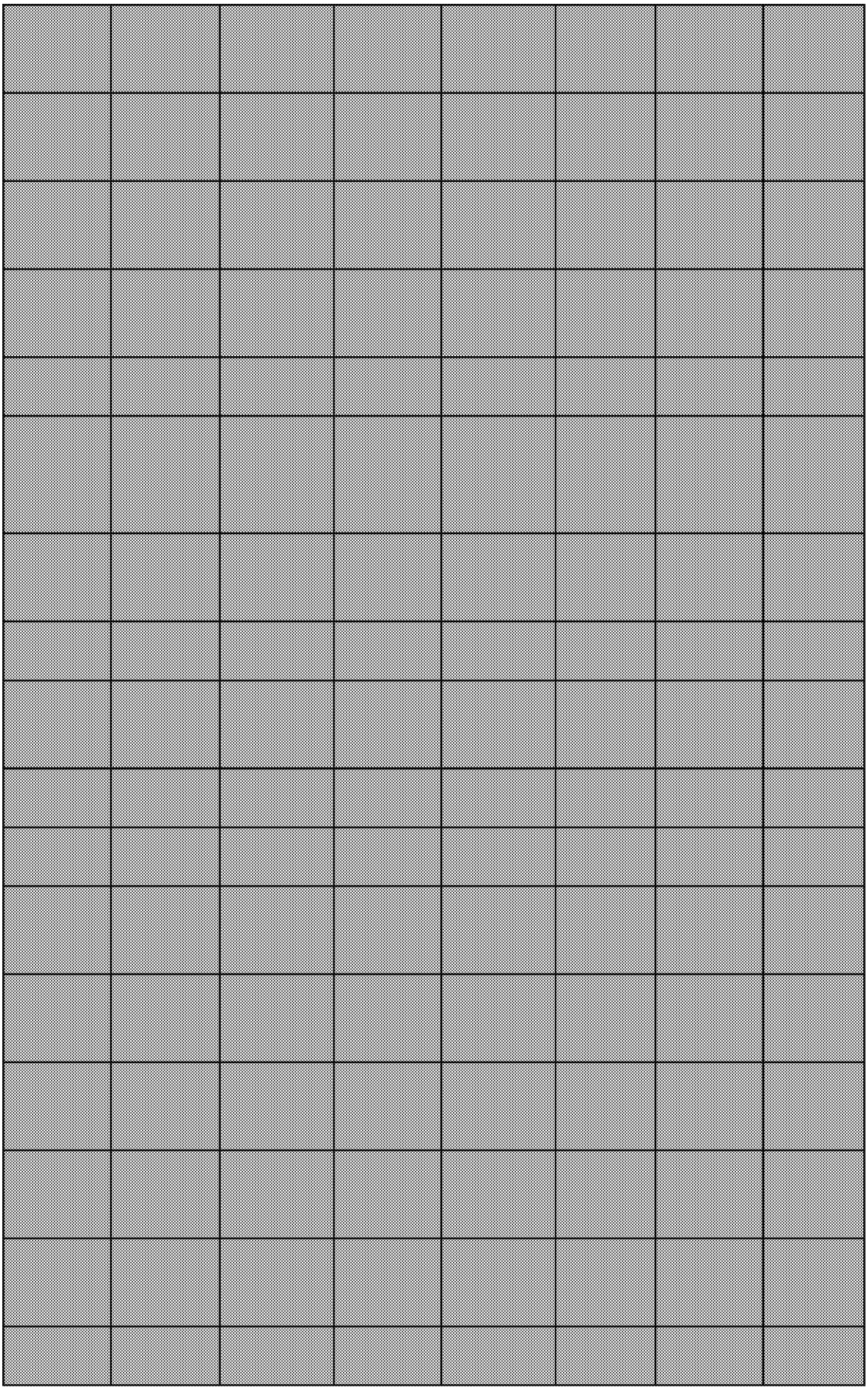
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
8. foreign language
8. Foreign language
•3. lacks neurobehavioral or neuropathological health outcome information
•3. lacks neurobehavioral or neuropathological health outcome information; used LD50 and LD 100 doses so related to le
5. lacks paraquat exposure
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
•5. lacks paraquat exposure; not sure where the abstract came from but it looks like it is a mix because the pdf does not
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
8. foreign language
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif



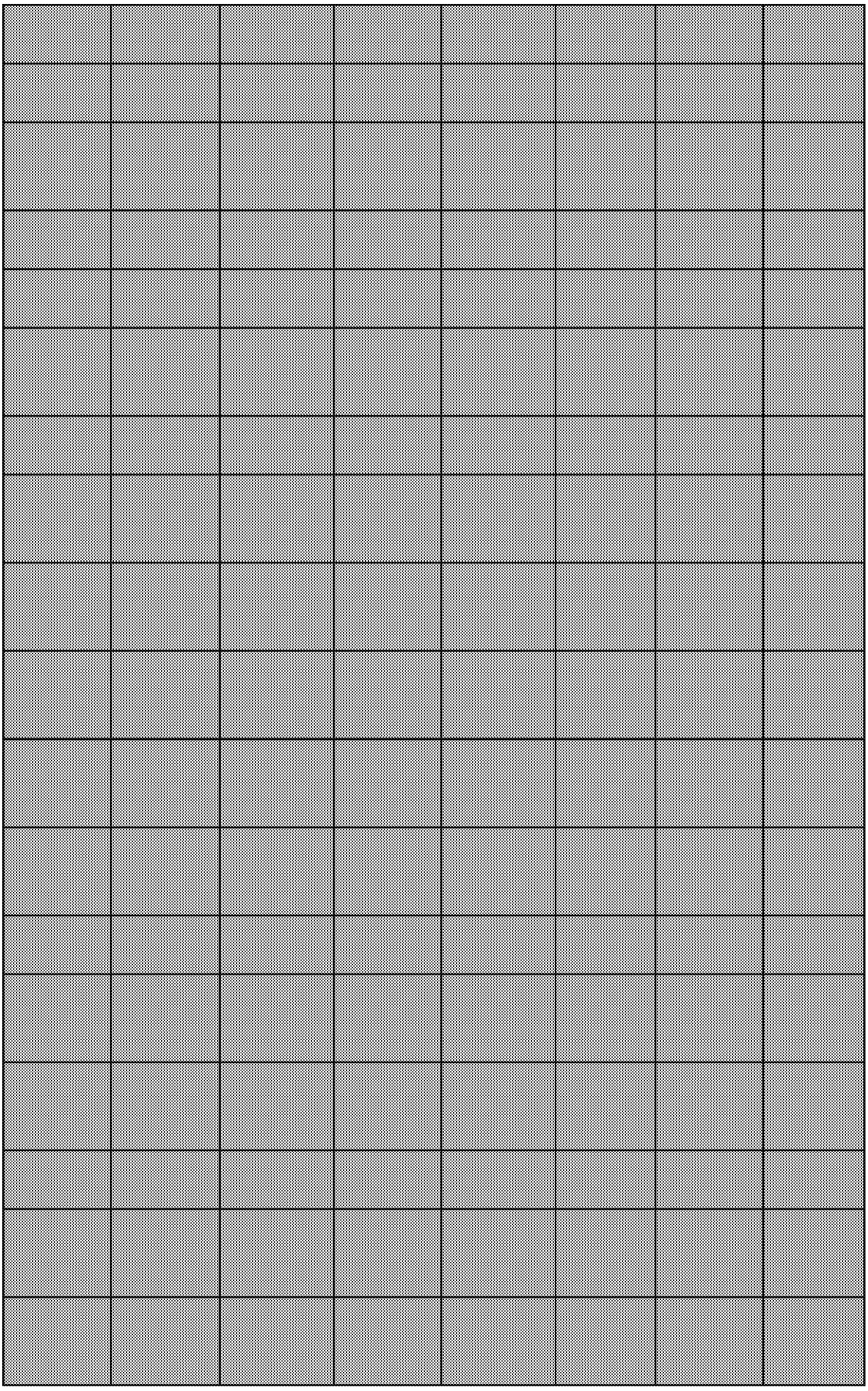
5671
5681
5682
5691
5695
5701
5704
5705
5715
5719
5720
5732
5735
5747
5750
5756
5761
5773

C. Grottelli S. Bellezza I. Minelli A. Bolanos J. P. Conte. Up-regulation of antioxidant defence by cyclo(His-Pro) through Nrf2 activation. Journal of Neurochemistry. 2009. 110:5
D. A. Thiruchelvam M. Richfield E. K. Brooks I. Cory-Slechta. Developmental pesticide exposure and the Parkinson's disease phenotype. Pediatr Res. 2003. 53:11A
M. Blandini F. Armentero M. T. Martignoni E. Nappi G. Lecchini S. Marino F. Cosentino. The neurotoxins rotenone, paraquat and manganese exert different effects on human isolated lymphocytes. Journal of Pharmaceutical Sciences and Research. 2012. 4:1697-1702
X. Arah O. A. Ritz B. Cui. Using probabilistic bias analysis to assess possible selection bias in a case-control study. American Journal of Epidemiology. 2013. 177:S157
A. Bustamante J. Lores Arnaiz S. Czerniczyniec. Paraquat treatment increases cortical and striatal mitochondrial reactive oxygen species. Neurotoxicity Research. 2012. 21:26
S. Bandyopadhyay M. Bhatt A. Dasgupta. Retinoids, Stilbenes and Vitis Vinifera modulate VDR-RXR cross-talk in HT22 mouse hippocampus neuron: An approach towards prevention of neuronal dysfunction in brain inflammation. Journal of Immunology. 2012. 188:#pages#
A. Subedi R. Ghimire S. K. Rochet J. C. De Rus Jacquet. Neuroprotective activities of Nepalese and native American traditional medicine. Neurodegenerative Diseases. 2015. 15:1294
R. Gamage R. Guruge D. Keshavaraj A. Sirisena D. Wider C. De Silva. Study of sociodemographic, environmental and dietary factors of Parkinson's disease: A study from Sri Lanka. European Journal of Neurology. 2010. 17:383
D. A. Di Monte. PARAQUAT-INDUCED NEURODEGENERATION: A MODEL OF PARKINSON'S DISEASE RISK FACTORS. Parkinson's Disease: Molecular and Therapeutic Insights from Model Systems. 2008. #volume#:207-217
Z. T. Ren H. M. Jiang Y. P. Cai Z. L. Zhu Q. Y. Ding. Influence of paraquat on the system of substantial nigra and striatum in C57BL mice. Fudan University Journal of Medical Sciences. 2001. 28:28-31
Z. T. Ren H. M. Jiang Y. P. Ding. Paraquat could increase caspase-3 mRNA expression and its enzymatic activity in the substantia nigral cells in mice. Fudan University Journal of Medical Sciences. 2004. 31:462-465
B. P. Zielonka J. Kalyanaraman B. Dranka. Mitochondrial inhibition and oxidant production differs between pharmacologic models of parkinson's disease. Free Radical Biology and Medicine. 2011. 51:S69
D. A. Patel M. Drechsel. Brain Mitochondria consume H2O2 by a respirationand thioredoxin-dependent mechanism. Free Radical Biology and Medicine. 2009. 47:S110
N. Gurpinar T. Tarakci F. Turkoz E. Inan S. Ekerbicer. Hemodynamical and immunohistochemical effects of dexamethasone treatment on acute paraquat intoxication in rat brain. In Vivo. 2011. 25:524-525
S. I. Abdel Tawab H. S. Elwash M. Y. Gabr H. Saad Eldien H. M. El-Jaafary. Differentiated versus undifferentiated mesenchymal stem cell therapy in paraquat model of parkinson's disease. Movement Disorders. 2016. 31:S232-S233
P. Fredriksson A. Eriksson. Early exposure to pesticides during critical periods of development. Neurotoxicology. 1999. 20:109
M. A. Nemmar A. Shehab S. Dhanasekaran S. Yasin J. Shafiullah M. Hasan M. Fahim. Vitamin E mitigates the decremental effect of paraquat on substantia nigra neurons. FASEB Journal. 2016. 30:#pages#
Q. Kan Q. Lyu C. Li R. Wei J. Zhao Y. Zhen Y. Feng. Protective effect of rhein lysinate on blood vessel damage induced by oxidative stress in mice and its mechanism. Journal of Jilin University Medicine Edition. 2015. 41:1171-1175

Cyclic histidyl-proline [cyclo(His-Pro)] is an endogenous cyclic dipeptide produced by the cleavage of thyrotropin releasin
Questions remain as to whether insults sustained developmentally or cumulatively across life can contribute to the etiol
Aims: To examine the effects of the neurotoxins rotenone, paraquat and manganese on human circulating lymphocytes.
We are conducting a population-based case-control study on the effects of ambient pesticide exposures on Parkinson's d
Exposure to paraquat can cause significant brain damage due to its ability to generate oxidative stress. The aim of this st
The vitamin D receptor (VDR) belongs to a member of nuclear hormone receptor superfamily. The present study delinea
Parkinson's disease (PD) affects more than five million people worldwide, but there are no treatments to stop or slow th
Background: Sri Lanka is an agricultural based country that has the highest suicide rate in South EastAsia. The majority of
Purpose: To investigate the influence of paraquat on substantial nigra and dopamine levels of striatum in C57BL mice. M
Purpose: To study the role of paraquat(PQ) on caspase-3 mRNA expression and the activity of caspase-3 in the substantia
Mitochondrial dysfunction is now implicated in Parkinson's disease (PD) pathogenesis. This is evidenced by the fact that
Mitochondrial reactive oxygen species (ROS) play an important role in a multitude of disease states including neurodeger
Background: Paraquat (PQ) toxicity leads to inflammation, oxidative stress and damage in tissues. Dexamethasone (Dexa
Objective: To investigate the effect of undifferentiated versus differentiated CD34 stem cells series on paraquat model o
During the development of an organism, there are periods that can be critical for its normal maturation. One of these pe
Background Paraquat (PAR) is a toxic chemical that is widely used as an herbicide in developing countries and has been d
Objective To investigate the protective effects of rhein lysinate (RHL) on the blood vessel damage induced by oxidative st

Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant

•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
Review - Level 2
•3. lacks neurobehavioral or neuropathological health outcome information
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
Review - Level 2
8. foreign language
8. foreign language
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientific
•7. is a conference abstract, grant application/registration, thesis/dissertation, or otherwise not a peer-reviewed scientif
8. foreign language



5780
5784
5804
5805
5806
5824
5855
5878
5925
5926
5927
5935
5940
5960
5970
5982
5989

W. Van De Venter M. Marouf A. Houari B. Koekemoer T. Fewell. An assessment of the in vitro neuroprotective properties of selected Algerian and South African medicinal plant extracts. Planta Medica. 2014. 80:#pages#
R. Ferrari V. Bubacco L. Beltramini M. Bisaglia M. Filograna. Antioxidant activity of superoxide dismutases protect dopaminergic neurons against degeneration. Journal of Parkinson's Disease. 2013. 3:60
R. Franco. Metabolic alterations and cell death induced by gene-environment interactions linked to Parkinson's disease. Toxicology Letters. 2016. 259:S50
R. Rodriguez-Rocha H. Li S. Garcia-Garcia A. Franco. Glutaredoxins and protein glutathionylation regulate dopaminergic cell death associated with Parkinson's disease. Neurodegenerative Diseases. 2011. 8:#pages#
R. Zavala-Flores L. Rodriguez-Rocha H. Garcia-Garcia A. Franco. Distinct role of glutaredoxin 1 and 2 regulating protein glutathionylation and dopaminergic cell death. Free Radical Biology and Medicine. 2012. 53:S65
A. Rodriguez-Rocha H. Franco R. Garcia-Garcia. Mitochondrial peroxiredoxin 5 protects dopaminergic cells against Parkinsonian neurotoxins independent from hydrogen peroxide signaling. Free Radical Biology and Medicine. 2012. 53:S65
S. Lai Y. Chen S. L. Ran Q. Hambright. Increased NLRP3 Inflammasome Expression Correlates with Cognitive Decline in Animals Exposed to a Mitochondrial ROS Inducer. Pathobiology of Aging and Age-related Diseases. 2013. 3:6
Y. O. Kordysh E. Goldsmith J. R. Herishanu. A case-referent study of extrapyramidal signs (preparkinsonism) in rural communities of Israel. Canadian Journal of Neurological Sciences. 1998. 25:127-133
R. Ziviani E. Whitworth A. Ivatt. Analysing the role of the PINK1/Parkin pathway in Mitophagy. Journal of Neurogenetics. 2010. 24:57
Y. Matsushima S. Yamamoto N. Kume T. Sawada H. Akaike A. Izumi. Focused Conference Group: PW19 - Influence of degeneration and repair in the CNS and periphery paraquat activates NRF2-are pathway: Implication of decrease in proteasome activity in dopamine-mediated cytotoxicity. Basic and Clinical Pharmacology and Toxicology. 2010. 107:350
S. Ghazi-khansari M. Jafarinejad. Evaluation of the effects of captopril on cytotoxicity of paraquat in G292 cell line. Journal of Isfahan Medical School. 2012. 30:#pages#
W. X. Zhang X. H. Lü G. M. Gu X. S. Jiang. Effects of traditional Chinese medicine nerve growth decoction on the model of Parkinson ' s disease. Acta Anatomica Sinica. 2016. 47:442-448
B. Unger E. Alam G. Yin L. Lu L. Williams R. Miller D. O'Callaghan J. Jones. Iron: Key to individual differences in susceptibility to pesticide neurotoxicity?. American Journal of Hematology. 2013. 88:E155
K. James J. Parker S. Crouch P. White A. Kanninen. Prominent re-distribution of TDP-43 and FUS/TLS under conditions of cellular insult in primary neurons. Amyotrophic Lateral Sclerosis. 2011. 12:4-5
K. P. Kaur K. D. Dhawan R. K. Kaur. Effect of apocynin on oxidative stress induced increase in expression and aggregation of alpha-synuclein in parkinson's disease in vitro and in vivo. Indian Journal of Pharmacology. 2013. 45:S247
H. Kim K. Kim J. Yim J. Kim. Role of tetrahydrobiopterin in neuronal apoptosis in drosophila melanogaster. Pteridines. 2009. 20:105-106
L. Gurenlian L. McLarnon C. Frymoyer C. Tetla M. Geary A. Minniti A. Inestrosa N. Kohn R. King. Sensitivity to oxidative stress of caenorhabditis elegans strains with nervous system defects. Molecular Biology of the Cell. 2010. 21:#pages#

In this study eleven Algerian and two South African medicinal plant extracts were selected and screened to evaluate thei
Objective: To date, the cause of the preferential death of nigrostriatal dopaminergic neurons in Parkinson's disease (PD)
While aging is the major risk factor in Parkinson's disease (PD), its multi-factorial etiology also includes genetic alteration
Introduction: Parkinson's disease (PD) is characterized pathologically by the selective loss of nigrostriatal dopaminergic n
Dopaminergic cell death in Parkinson's disease (PD) is associated with oxidative stress. However, the exact signaling casc
Oxidative stress plays a major role in dopaminergic degeneration during the pathogenesis of Parkinson's disease (PD). Pe
Increased mitochondrial reactive oxygen species (ROS) is believed to play a key role in cognitive decline associated with a
BIOSIS COPYRIGHT: BIOL ABS. Background: In previous studies we reported an increased prevalence of Parkinson's disea
Parkinsons disease (PD) is the second most prevalent neurodegenerative disorder, with no cure and few effective treatm
Parkinson disease is one of the most common neurodegenerative disorders and characterized by a selective loss of dopa
Background: Paraquat is a kind of herbicide which can cause cell damage by producing active radicals. On the other hand
Objective To study the therapeutic effect of the traditional Chinese medicine nerve growth decoction on the paraquat (P
Introduction: Chemical pesticides, especially those applied in agriculture, are suspected to be risk factors for neurodegen
Background: TDP-43 and FUS/TLS are nucleic acid binding proteins found to be mutated in sporadic and familial forms of
Aim: In present study, we investigate that Inhibition of Nox-1 by Apocynin (selective inhibitor of Nox) may decrease oxida
Tetrahydrobiopterin (BH4) is an essential cofactor for nitric oxide synthase and neurotrans-mitter-producing-enzymes su
We are exploring how changes in the abundance of neurotransmitter in synapses affect sensitivity of Caenorhabditis eleg

Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant